Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 30 Jul 2023 until 23:59 on Monday 31 Jul 2023

Forecast Issued on Sunday 30 Jul 2023 at 04:03

Confidence: Only moderate confidence in forecast details over the next few days.

Headline for Sunday 30 Jul 2023: Turning increasingly wet into the day. Windy.

Mountain weather hazards on Sunday 30 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Light rain showers	Light rain showers	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
30%	30%	30%	80%	90%	90%

Forecast for Sunday 30 Jul 2023

Weather: Mostly cloudy start with scattered showers expected. One or two bright spells developing into the morning, but these will be short-lived. Cloud thickening from the southwest into the afternoon ahead of a band of rain arriving. This rain will be persistent into the late afternoon and evening, turning heavy at times. Strong westerly winds with a slight risk of gales in exposure, especially higher routes in the west including Kinder Scout.

Chance of cloud-free hill tops above 600m: 80% at first. Lowering to 30% from the west through the afternoon.

Low cloud and visibility: Some patchy low cloud first thing with bases around 500-600m, and locally lower over western hills. Cloud bases likely rising into the morning before lowering once again through the afternoon with more widespread cloud down to 400-600m, and cloud dropping lower in any persistent rain during the evening. Generally good visibility first thing outside of cloud, reducing to poor or very poor in low cloud and persistent rain into the afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 30 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/32 W	28/35 W	25/34 W	24/32 W	18/24 SW	19/26 SW	21/29 SW
300	19/25 W	22/29 W	20/30 W	19/28 SW	12/17 SW	15/23 SW	17/26 SW
Valley	11/24 W	14/27 W	14/28 W	15/27 W	6/14 SW	9/21 SW	11/23 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/5	10/6	12/8	12/8	11/8	12/9	13/9
300	12/9	13/9	14/11	15/11	13/11	14/12	15/12
Valley	12/10	14/11	16/13	16/13	14/13	14/13	15/13
Freezing Level*	2100m	2100m	2100m	2600m	2900m	3100m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions deteriorating significantly through the afternoon with extensive low cloud and heavy rain, care should be taken if heading onto the hills towards the end of the day with persistent heavy rain likely to bring unpleasant walking conditions and poor visibility. High UV levels likely in any breaks early on, particularly towards the eastern Peaks, Sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 30 Jul 2023	0.4mm	0.6mm	11.6mm

Forecast for Monday 31 Jul 2023

Weather: Overnight rain and drizzle will clear to leave patchy low cloud first thing but breaks in the cloud developing through the morning, particularly to the east of the park. Frequent showers likely into the afternoon and evening, turning locally heavy. Strong westerly or south-westerly winds gradually easing.

Maximum wind: West or southwest 15-20mph, gusts of 25-35mph.

Chance of cloud-free hill tops above 600m: 40% early on, improving to 80%. Perhaps 60% in the north later.

Low cloud and visibility: Widespread low cloud first thing with bases around 300-400m, lifting and breaking into the morning to leave scattered bases 600-700m with generally good visibility outside of showers.

Temperature: **Valleys:** Plus 15 Celsius rising to 17 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above summits.

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